

Healthcare Information

# Contents

Demographics	Page
PopulationEducationEmployment	3
Population & Healthcare Resources	4
Healthcare Resources	
General Acute Care Hospitals  Long-term Care Facilities  Primary Care Clinics  Home Health Agencies  Hospices	12 14 15
Hospitalization Characteristics	
Inpatient Overview Clinical Overview	18 19
Specific Trends	
Births & Deliveries	24
Procedures Injuries	



# Population

Trends
Age
Race/Ethnicity
Projection

# Education

**Attainment** 

# **Employment**

Major Employment Sectors
Unemployment

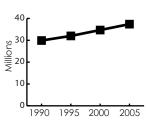
## Yuba County

# Demographics



#### California

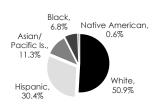
# Population Trends



#### Age 1999

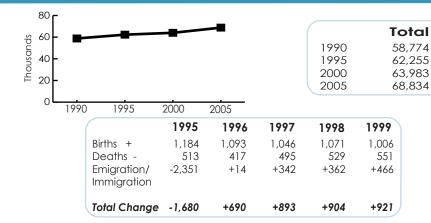


#### Race/Ethnicity 1999



#### POPULATION

#### County Trends

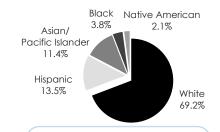


## **Age**

## 45-64 yrs 17.6% 15-44 yrs 43.8%

Age	Number
0-4 yrs	5,638
5-14 yrs	12,190
15-44 yrs	27,619
45-64 yrs	11,074
65+ yrs	6,541
Total	63,062

#### Race/Ethnicity 1999



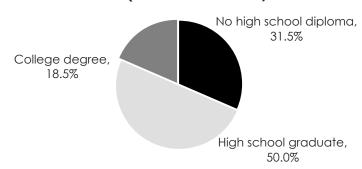
Race	Number
White	43,608
Hispanic	8,519
Asian/Pacific Is.	7,219
Black	2,404
Native American	1,312
Total	63,062

#### Projection Age Race/Ethnicity 0-4 yrs Black Native American 65+ yrs 3.7% 9.3% 2.0% 10.3% Asian/ 5-14 yrs Pacific Islander 17.3% 14.0% 45-64 yrs 20.1% Hispanic 14.8% White 15-44 yrs 65.4% 43.0%

Source: California Department of Finance. Note that the population data from 1998 forward are based on projections.

#### Education

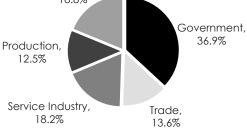
# Educational Attainment (based on 1990 census)



#### Employment Sectors



#### Major Employment Sectors Other, 18.8%

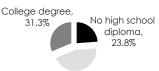


#### Major Employment Sectors

(1999)	Number
Government	6,500
Trade	2,400
Service Industry	3,200
Production	2,200
Other	3,300
Total	17,600

#### California

#### Educational Attainment (based on 1990 Census)



High school graduate, 44.9%

#### Employment Sectors 1999



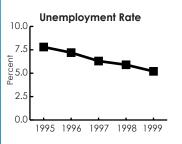
#### Unemployment

#### **Employment Statistics** Labor Unemployment Force 1995 15.0% 21,200 1996 20,900 13.9% 1997 21,030 13.1% 20,830 1998 13.5% 1999 20,600 11.6%



# Unemployment Rate 20 15 15 10 1995 1996 1997 1998 1999

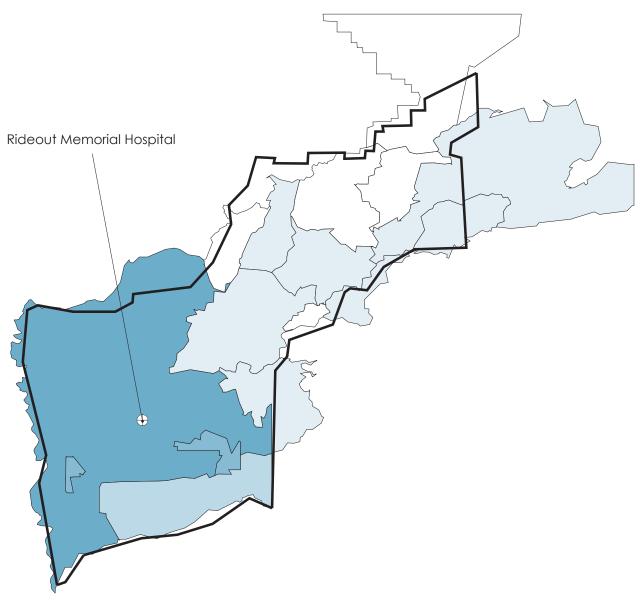
Source: Employment Development Department, Labor Market Information Division



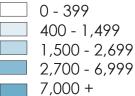
Edition 2, 2001

# Yuba County Population & Healthcare Resources





#### — Yuba County Line Hospital Site/ER Level Population by ZIP Code ⊕ Basic



Demographics



General Acute Care Hospitals

long-term Care facilities

Clinics

Home Health Agencies

Hospices

# esources: Acute Care Hospitals

# Yuba County Healthcare Resources



#### FINANCIAL & UTILIZATION INFORMATION GENERAL ACUTE CARE HOSPITALS 1999

There is only one non-profit hospital in Yuba County which provides basic emergency services.



Edition 2, 2001

# Resources: Acute Care Hospital

# FINANCIAL & UTILIZATION INFORMATION GENERAL ACUTE CARE HOSPITALS 1999

Rideout Memorial Hospital  \$119,823,450 61,619,781 58,203,669 547,919 58,751,588 55,494,107 3,257,481 4,838,895 41,520 0 0 \$8,054,856	Income Statement Gross Patient Revenue -Deductions from Revenue Net Patient Revenue +Other Operating Revenue Total Operating Revenue -Operating Expenses Net from Operations +Non-operating Revenue -Non-operating Expenses -Income Taxes -Extraordinary Items Net Income
\$2,404 1,236 1,168 11 1,179 1,113 65 97 1 0	Per Adjusted Day Gross Patient Revenue -Deductions from Revenue Net Patient Revenue +Other Operating Revenue Total Operating Revenue -Operating Expenses Net from Operations +Non-operating Revenue -Non-operating Expenses -Income Taxes -Extraordinary Items Net Income
Non-Profit  164 32,267 5,573 53.9% 69,740 5.4 Basic 24	Resource Utilization Ownership Available Beds Patient Days Discharges Occupancy Rate Outpatient Visits Average Length of Stay Emergency Service # of ER Stations Specialty/Teaching/Rural

#### Footnotes:

Per Adjusted Day: This statistic adjusts the number of patient days to compensate for outpatient services.

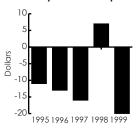
The financial data on this page reflect disproportionate share payments transferred to a related public entity.

\*Excludes data from State, Kaiser, PHF, Shriner, and other non-comparable hospitals. Note that columns may not add to subtotals due to rounding.

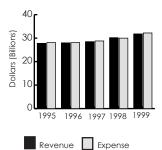


#### California

#### Net Income from Operations Comparable Hospitals



#### Operating Revenue/Expense Comparable Hospitals



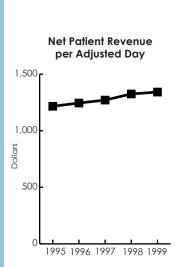
Revenue L Exper

# Healthcare Resources

## ACUTE CARE HOSPITALS

Net Patient Revenue

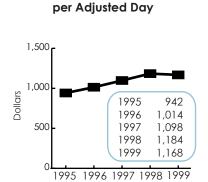
#### California



#### 60 50 40 \$ (Millions) 1995 44,383,969 30 1996 47,525,309 1997 53,285,255 20 1998 55,280,600 1999 58,203,669 10

1995 1996 1997 1998

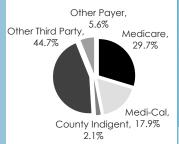
**Net Patient Revenue** 

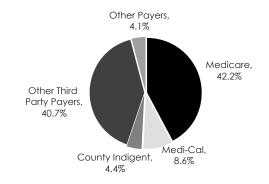


**Net Patient Revenue** 

# Net Patient Revenue by Payer 1999

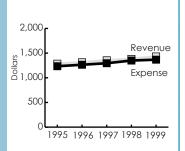






#### Net Patient Revenue/Expense

#### Net Inpatient Revenue/Expense per Day



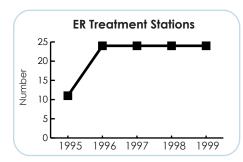
Net Inpatient Revenue/Expense per	
2,000 1,500 1,000 1,	Revenue    Sepense   1995 1996 1997 1998 1999   1995 1996 1997   1998 1999   1995 1996 1997 1998 1998   1995 1996 1997 1998 1999   1995 1996 1997 1998 1998   1995 1996 1997 1998 1998   1995 1996 1998 1998   1995 1996 1998 1998   1995 1998 1998 1998   1995 1998 1998   1995 1998 1998   1995 1998 1998   1995 1998 1998   1995 1998 1998 1998   1995 1998 1998 1998   1995 1998 1998   1995 1998 1998   1995 1998   1995 1998   1995 1998   1995 1998   1995 1998

	Net Inpatient Revenue per Day	Net Inpatient Expense per Day	Net Outpatient Revenue per Visit	Net Outpatient Expense per Visit
1995	\$942	\$850	\$171	\$155
1996	1,014	924	267	243
1997	1,098	991	335	302
1998	1,184	1,100	217	202
1999	1,168	1,113	294	281

Graphs and tables exclude data from State, Kaiser, PHF, Shriner, and other non-comparable hospitals. Source: OSHPD Annual Hospital Financial Disclosure Reports.

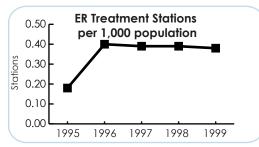
# Resources: Acute Care Hospitals

#### Emergency Room Services



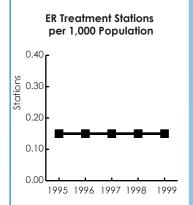


Basic: 1
Standby: 0
Trauma: 0

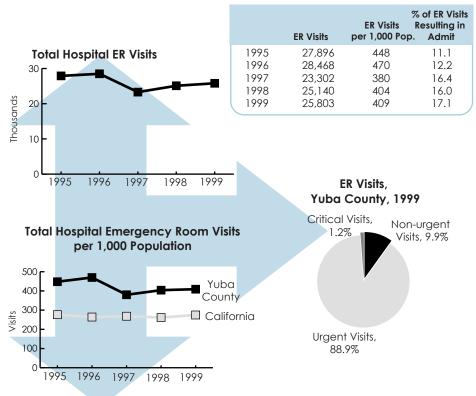


t	ER Treatment			
	nt Stations	R Treatme	El	
٥.	per 1,000 Pop	Stations		
	0.18	11	1995	
	0.40	24	1996	
	0.39	24	1997	
	0.39	24	1998	
	0.38	24	1999	
	0.18 0.40 0.39 0.39	11 24 24 24	1996 1997 1998	

### California



#### **Emergency Room Visits**



Graphs include data from comparable GAC hospitals plus Kaiser.
Source: California Department of Finance, OSHPD Hospital Utilization database.



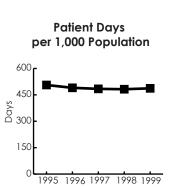
Edition 2, 2001

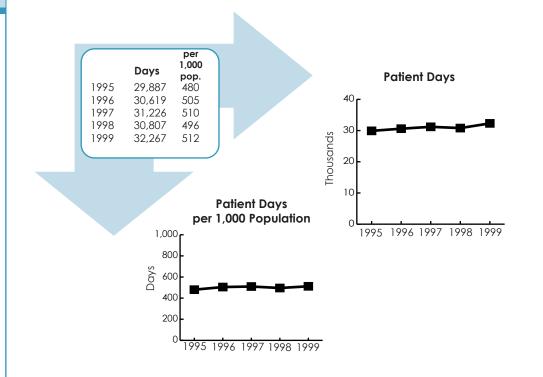
Specific Trends

#### **ACUTE CARE HOSPITALS**

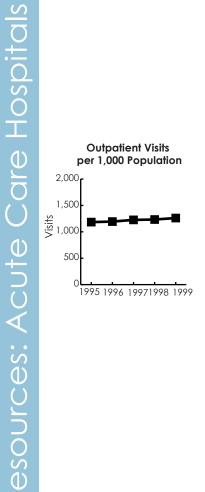
#### Patient Days

#### California





#### **Outpatient Visits**

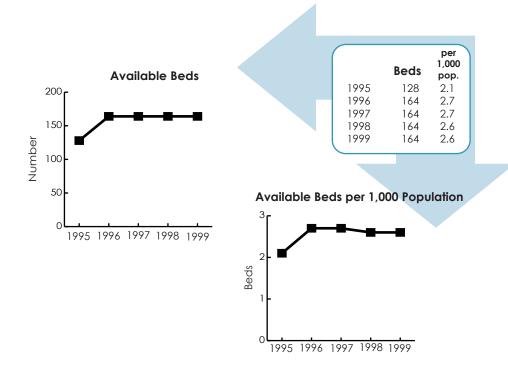


1995 1996 1997 1998 1999	Outpatient Visits 94,705 61,640 56,777 86,517 69,740	per 1,000 pop. 1,521 1,018 927 1,392 1,106		Outpatient Visits
	2,000 - 1,500 - \$\frac{\$\frac{1}{15}}{1000} \tag{500} -		ptpatient Visits ,000 Population	20 0 1995 1996 1997 1998 199

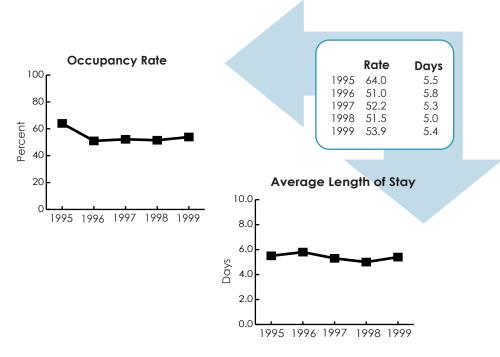
Graphs include data from comparable GAC hospitals plus Kaiser. Source: OSHPD Annual Hospital Financial Disclosure Reports.

Edition 2, 2001

#### Available Beds



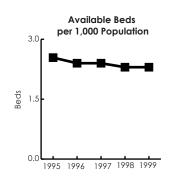
#### Occupancy Rate



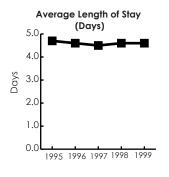
Graphs include data from comparable GAC hospitals plus Kaiser.

Source: OSHPD Annual Hospital Financial Disclosure Reports.

#### California

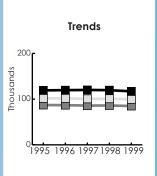






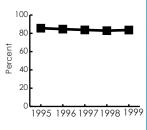


#### California



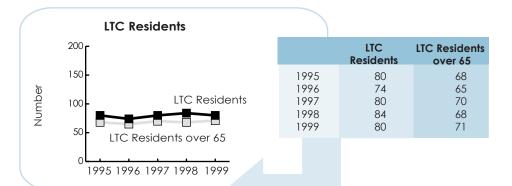
# ■ Total LTC Beds ■ Total LTC Residents □ Residents over 65

#### Occupancy Rate

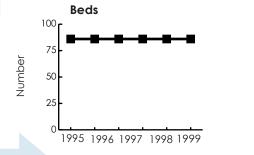


#### LONG-TERM CARE FACILITIES

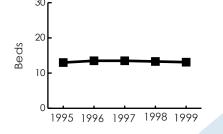
#### County Trends



Beds				
1995 1996 1997 1998	86 86 86 86			
1999	86			

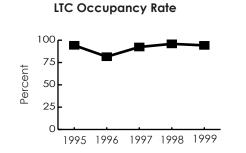


#### LTC Beds per 1,000 County Residents Over 65



LTC Beds per 1,000 County Residents over 65					
1995 1996 1997 1998 1999	13.0 13.5 13.5 13.3				
1777	10.1				

Оссі	Occupancy Rate				
1995 1996 1997 1998 1999	94.3 81.5 92.4 95.9 94.2				



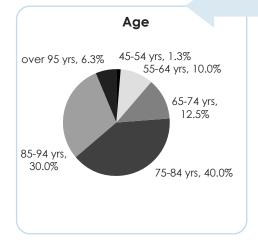
Edition 2, 2001

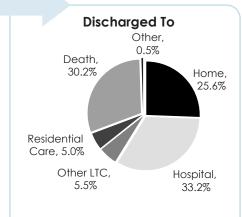
Source: Callifornia Department of Finance, OSHPD Long-term Care Financial and Utilization databases.

# 13

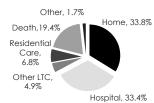
#### Residents 1999

#### California



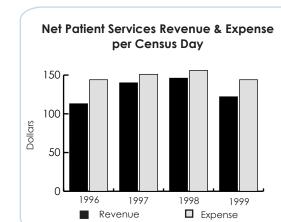


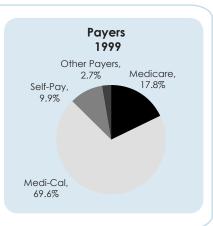
#### Discharged To 1999 Other, 1.7%



#### financial Information

	Revenue per Day	Expense per Day
1996 1997 1998 1999	\$113 140 146 122	\$144 151 156 144





#### California Payers, 1999 Other Payers, Medicare



Medi-Co 60.4%

# Yuba County

# Healthcare Resources



#### Community clinics:

- tax-exempt nonprofit organizations
- charges are based on patients' ability to pay

#### Free clinics:

 community clinics, where patients are not charged for services or medicines.

#### California Clinic Patients Race/Ethnicity 1999

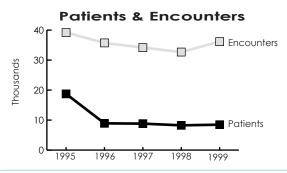
Pacific Islander, 0.4%
Filipino, 1.0%
Native American, 2.1%
Other Non-White, 4.6%
Asian, 5.3%
Black, 6.7%

Hispanic, 53.1%

The Poverty Guidelines are issued by the Federal Department of Health and Human Services to estimate the number of persons/families in poverty for determining financial eligibility for Federal programs.

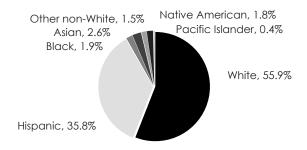
#### PRIMARY CARE CLINICS

#### County Trends

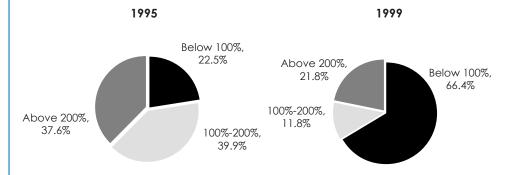


1		1995	1996	1997	1998	1999
	Patients	18,732	8,917	8,818	8,249	8,468
	Encounters	39,176	35,729	34,145	32,677	36,152
	# Community	2	2	2	2	2
-(	# Free	0	0	0	0	0

# Race/Ethnicity

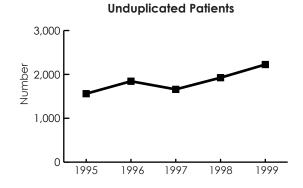


#### Economic Status (Based on federal Poverty levels)



#### HOME HEALTH AGENCIES

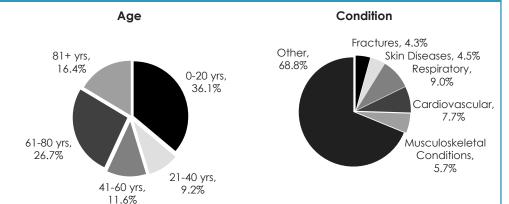
#### County Trends



	Number
1995	1,560
1996	1,844
1997	1,659
1998	1,925
1999	2,225

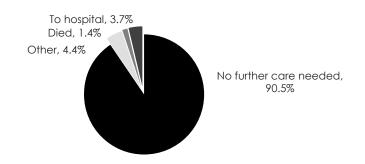
Unduplicated patient: may have been seen more than once but is counted only once as a patient.

#### **Patients** 1999



• Over 43% of patients in home health agency care are over the age of 60.

#### Discharged To 1999



Source: OSHPD Home Health Agency Utilization databases.

Resources: Home Health Agenc

# Healthcare Resources

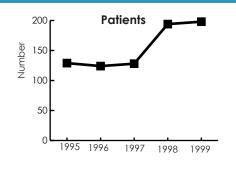


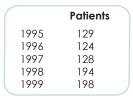
**Hospice:** palliative care to support a patient in the last phases of life due to the existence of a terminal disease.

• Over 83% of hospice patients are over the age of 60.

#### **HOSPICES**

#### County Trends





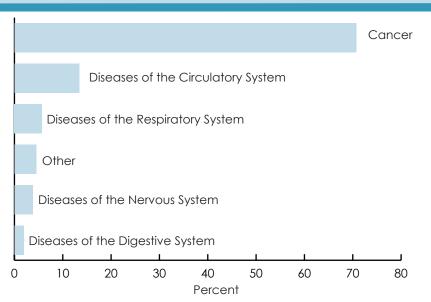
#### Patients 1999

#### Age

#### Discharged To



# Conditions Requiring Hospice Care 1999



Source: OSHPD Home Health Agency and Hospice Utilization Database.



# Inpatient Overview

Trends
Demographics
Admits/Dispositions

# Clinical Overview

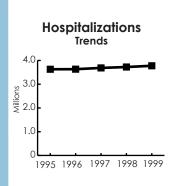
Types of Hospitalizations/Diagnosis
Types of Principal Procedures
Injuries/Types/Types by Age Group

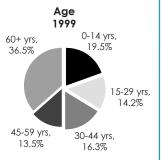
# Yuba County

# Hospitalization Characteristics



#### California





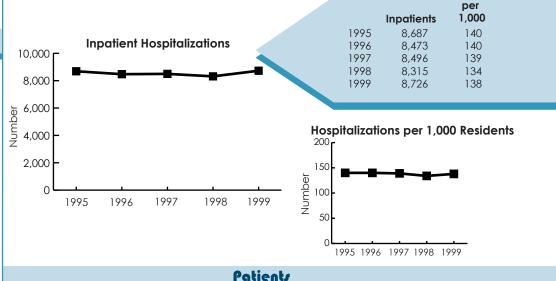
ospitalization Characteristics: Inpatient Overview



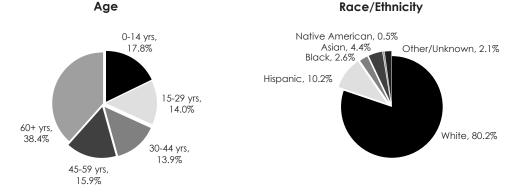
Edition 2, 2001

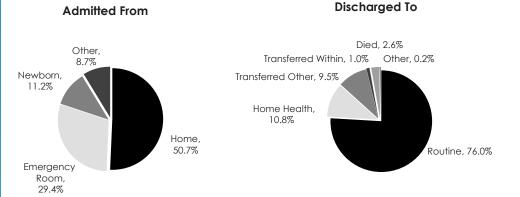
#### INPATIENT OVERVIEW

#### County Trends



1999

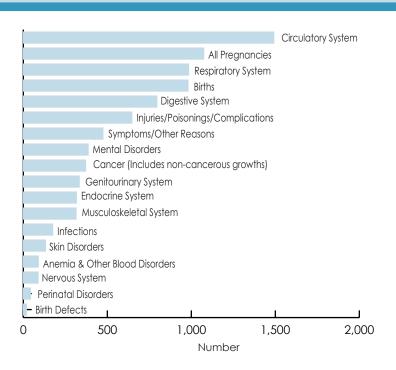




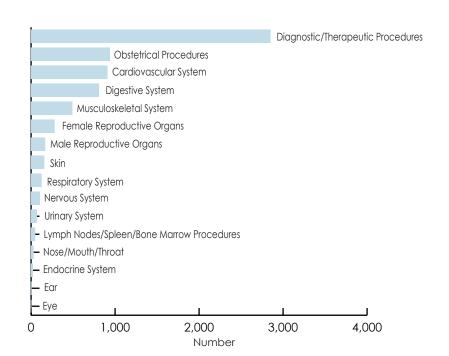
Source: Department of Finance, OSHPD California Inpatient Discharge Data.

#### CLINICAL OVERVIEW

# Types of Principal Diagnoses



# Types of Principal Procedures 1999



- Pregnancies/births account for 23.6% of hospital discharges in Yuba County, and 28.3% of hospital discharges statewide.
- Circulatory, respiratory, and digestive system disorders account for the top three diagnostic categories of hospital discharges in Yuba County, excluding pregnancies and births.

- Obstetrical procedures account for 13.4% of inpatient principal procedures performed on Yuba County residents and 22.2% of inpatient principal procedures performed statewide
- Principal procedures performed for cardiovascular, digestive and musculoskeletal systems are the top three procedure categories for hospital discharges in Yuba County, excluding obstetrical and diagnostic/therapeutic procedures.

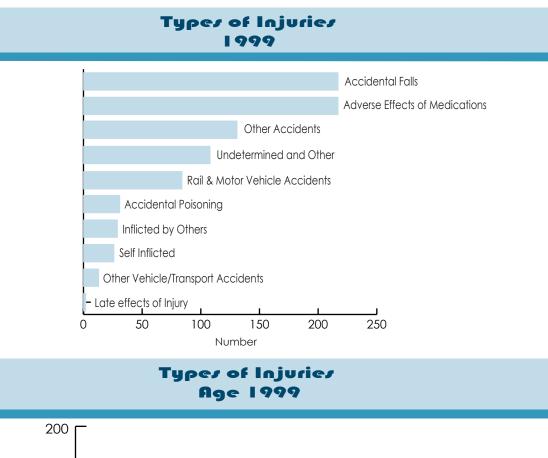
Source: California Inpatient Discharge Data, OSHPD.

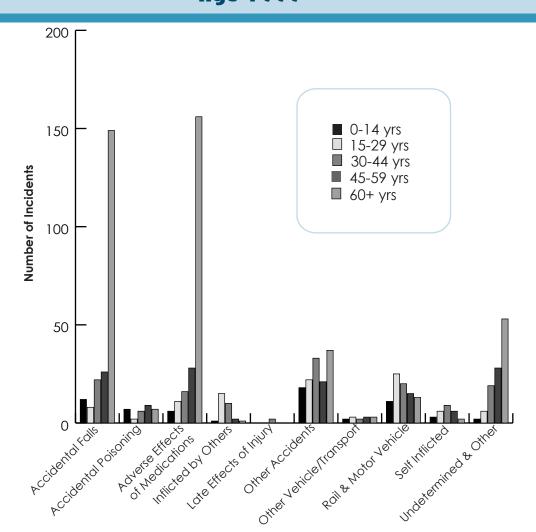
# Hospitalization Characteristics



 Accidental falls, adverse effects of medications, and other accidents are the top three principal cause of injuries of Yuba County inpatients.

 In Yuba County, patients age 60 and over represent 68,7% of discharge records for accidental falls and 71.9% of discharge records for adverse effects of medications.





Edition 2, 2001

npatient Characteristics: Clinical Overview

Source: California Inpatient Discharge Data, OSHPD.



# Selected Conditions

Births & Deliveries
High-risk Deliveries
Asthma
Cancer
HIV

# Selected Procedures

Cardiac Bypass Mastectomy Prostatectomy

# Selected Injuries

Auto Injuries Drug Poisonings Gunshot Injuries

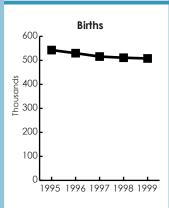
# Yuba County

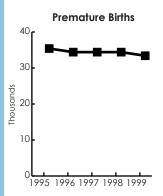
# Specific Trends





#### California





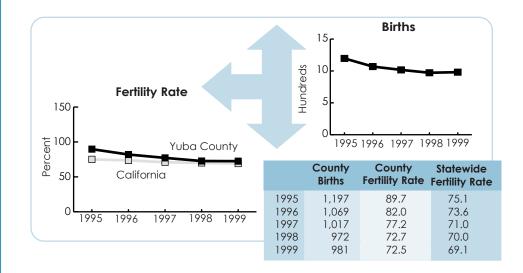
 Fertility rate is calculated by dividing the number of births by the population of females aged 15-44 years, and then dividing by 1,000.

oecific Trends: Births & Deliveries

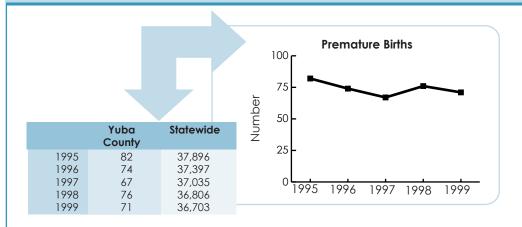
- 26% of all births to California residents were premature.
- Year 2010 National Health Objectives Goal: Cesarean section births to equal no more than 15.5% of total births.

#### **BIRTHS & DELIVERIES**

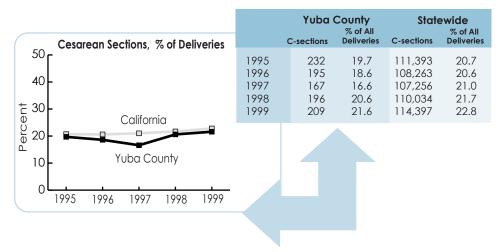
#### County Trends



#### Premature Births



#### Cerarean Section Deliveries



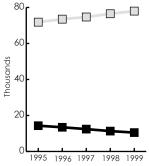
Edition 2, 2001

Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance.

#### California

 Deliveries by females less than 16 years of age or greater than 35 years of age are considered "high risk."





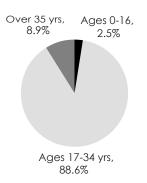




#### County Trends

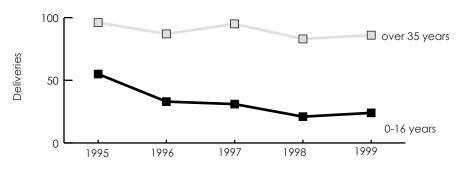
#### All Deliveries: Mother's Age at Delivery,1999

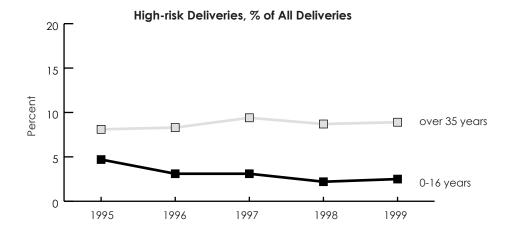
	0-16 yrs		17-34 yrs		Over 35 yrs	
	Number	% of all births	Number	% of all births	Number	% of all births
1995 1996 1997 1998 1999	55 33 31 21 24	4.7 3.1 3.1 2.2 2.5	1,027 931 880 847 856	87.2 88.6 87.5 89.1 88.6	96 87 95 83 86	8.1 8.3 9.4 8.7 8.9



#### High-risk Deliveries

#### **High-risk Deliveries**





Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

Edition 2, 2001

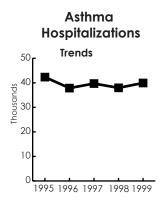
# Yuba County

# Specific Trends





#### California

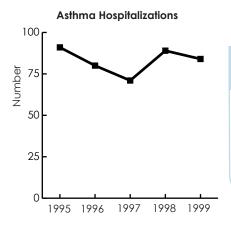


	-adjusted Rate er 1,000 Pop.
1995	1.30
1996	1.15
1997	1.18
1998	1.12
1999	1.16

### **ASTHMA**

(based on principal diagnosis)

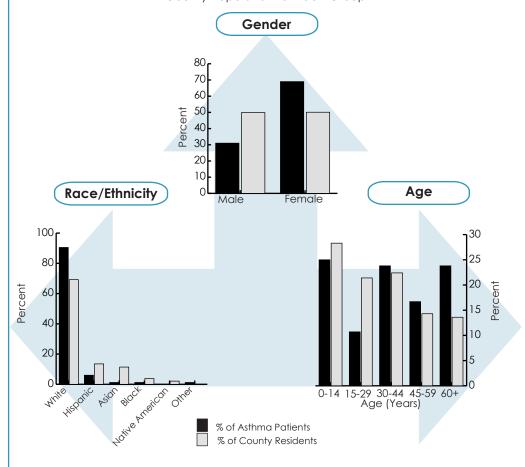
#### County Trends



	Hospitalizations Yuba County	Age-adjusted Rate per 1,000 Pop.
1995	91	1.42
1996	80	1.35
1997	71	1.14
1998	89	1.43
1999	84	1.39

#### Patients 1999

Percent of County Asthma Patients Compared to the Percent of Total County Population for Each Group

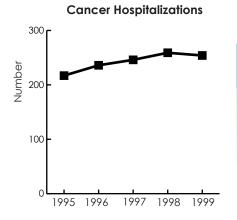


Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

#### **CANCER**

(based on principal diagnosis)

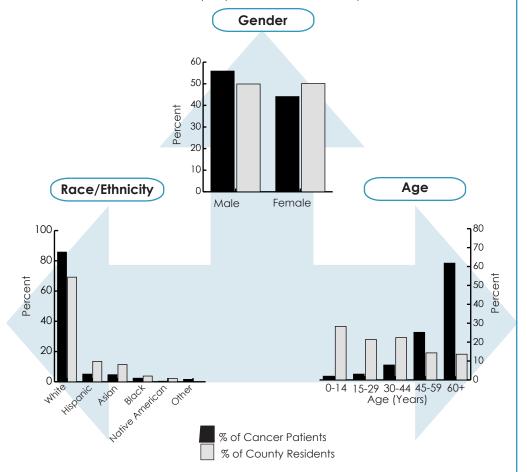
#### County Trends



	talizations a County	Age-adjusted Rate per 1,000 Pop.
1995 1996 1997 1998 1999	217 236 246 259 254	4.27 4.72 4.91 5.04 4.84

#### **Patients** 1999

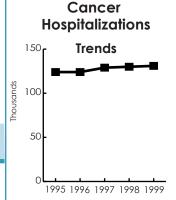
Percent of County Cancer Patients Compared to the Percent of Total County Population for Each Group



Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



#### California



	Age-adjusted Rate per 1,000 Pop.
1995	4.44
1996	4.36
1997	4.43
1998	4.37
1999	4.30

# Yuba County Specific Trends

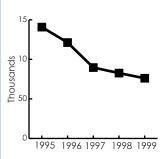




#### California

#### **HIV Hospitalizations**

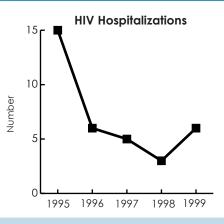
**Trends** 



	adjusted Rate er 1,000 Pop.
1995	0.43
1996	0.37
1997	0.27
1998	0.25
1999	0.22

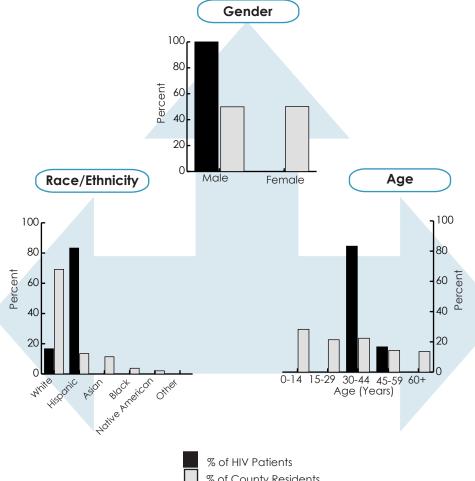
(based on principal diagnosis)

#### County Trends



	Hospitalizations Yuba County	Age-adjusted Rate per 1,000 Pop.
1995	15	0.25
1996	6	0.10
1997	5	0.09
1998	3	0.05
1999	6	0.10

Percent of County HIV Patients Compared to the Percent of Total County Population for Each Group



% of County Residents

Edition 2, 2001

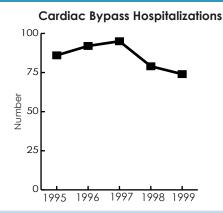
ecific Trends: Conditions

Ō

# pecific Trends: Proce Ó

# CARDIAC BYPASS (based on principal procedure)

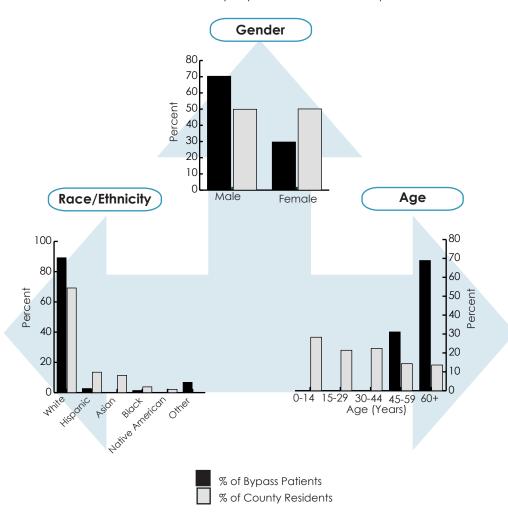
#### County Trends



	Hospitalizations Yuba County	Age-adjusted Rate per 1,000 Pop.
1995	86	1.74
1996	92	1.88
1997	95	1.95
1998	79	1.58
1999	74	1.45

#### Patients 1999

Percent of County Cardiac Bypass Patients Compared to the Percent of Total County Population for Each Group

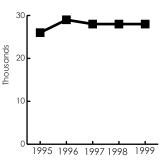


Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



#### California

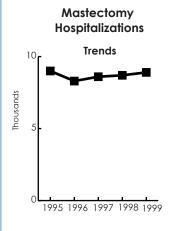




Age-ac	Statewide Age-adjusted Rate per 1,000 Pop.		
1995	0.97		
1996	1.03		
1997	0.99		
1998	0.96		
1999	0.93		



#### California

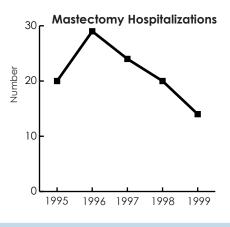


	er 1,000 Pop.
1995	0.32
1996	0.29
1997	0.29
1998	0.29
1999	0.29

#### **MASTECTOMY**

(based on principal procedure)

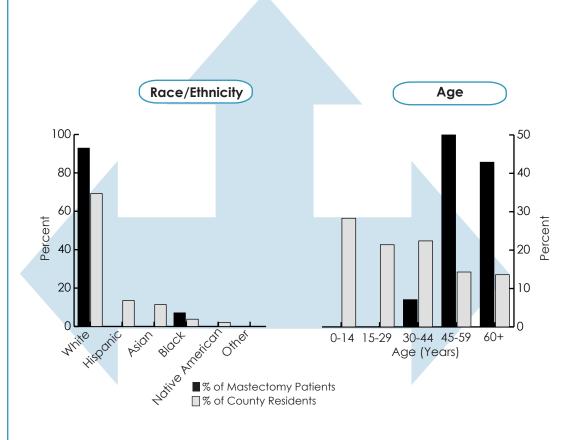
#### County Trends



	Hospitalizations Yuba County	Age-adjusted Rate per 1,000 Pop.
1995	20	0.38
1996	29	0.61
1997	24	0.48
1998	20	0.40
1999	14	0.27

#### Patients 1999

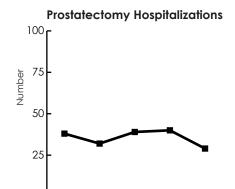
Percent of County Mastectomy Patients Compared to the Percent of Total County Population for Each Group



Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

pecific Trends: Procedures

#### County Trends



1996

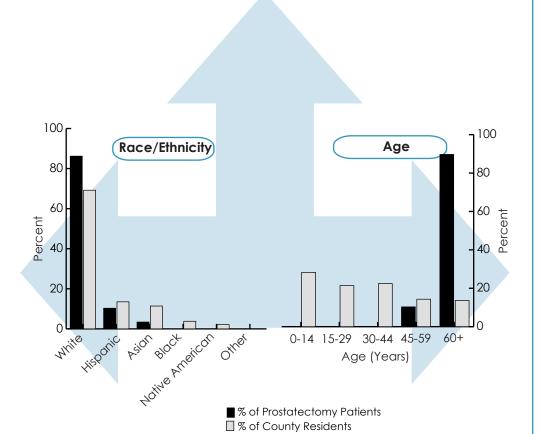
1997

•	alizations County	Age-adjusted Rate per 1,000 Pop.
1995	38	0.75
1996	32	0.65
1997	39	0.79
1998	40	0.79
1999	29	0.56

#### Patient 1999

1998 1999

Percent of County Prostatectomy Patients Compared to the Percent of Total County Population for Each Group

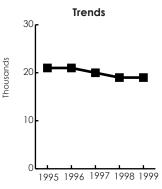


Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



#### California

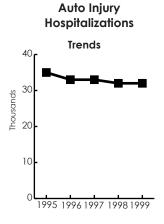
#### **Prostatectomy Hospitalizations**



	e-adjusted Rate er 1,000 Pop.
1995	0.79
1996	0.75
1997	0.72
1998	0.67
1999	0.65
1999	0.65



#### California



Age-adjusted Rate per 1,000 Pop.		
1995	1.08	
1996	1.04	
1997	1.01	
1998	0.98	
1999	0.97	

# AUTO INJURY (based on first event causing hospitalization)

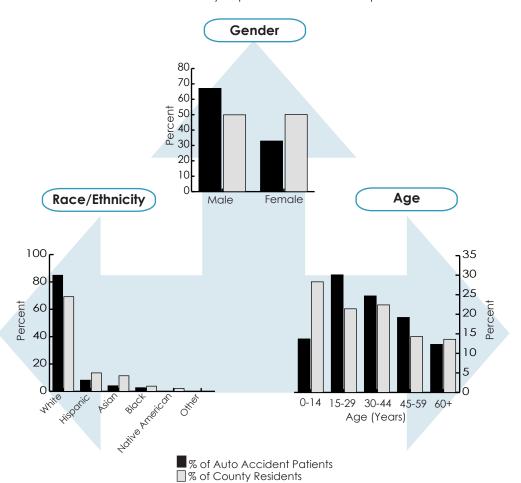
#### County Trends



	alizations or County	Age-adjusted Rate per 1,000 Pop.
1995	87	1.46
1996	74	1.32
1997	84	1.44
1998	65	1.11
1999	73	1.21

#### **Patients** 1999

Percent of County Auto Injury Patients Compared to the Percent of Total County Population for Each Group

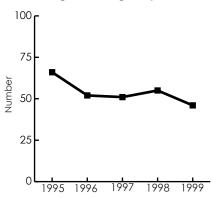


Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

# DRUG POISONING (based on first event causing hospitalization)

#### County Trends

#### **Drug Poisoning Hospitalizations**

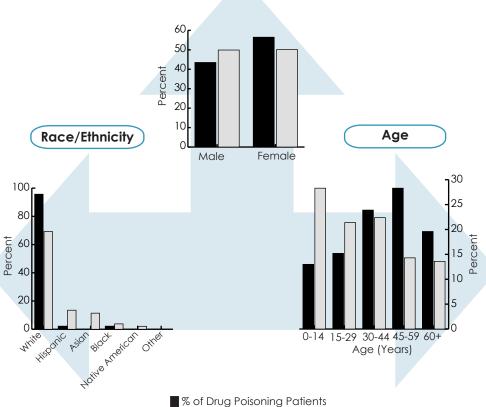


	Hospitalizations Yuba County	Age-adjusted Rate per 1,000 Pop.
1995 1996 1997 1998 1999	52 51 55	1.14 0.89 0.88 0.95 0.79

#### Patients 1999

Percent of County Drug Poisoning Patients Compared to the Percent of Total County Population for Each Group

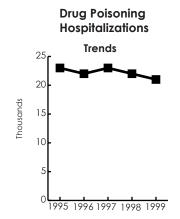




■ % of County Residents

Sources: California Inpatient Discharge Data, OSHPD.Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

#### California



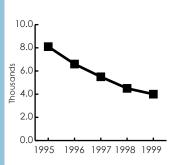
Α	age-adjusted Rate per 1,000 Pop.
1995	0.72
1996	0.71
1997	0.70
1998	0.66
1999	0.64



#### California

#### **Gunshot Injury** Hospitalizations

**Trends** 

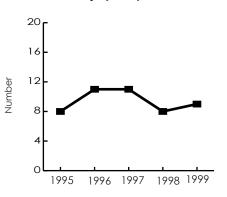


	adjusted Rate 1,000 Pop.
1995	0.24
1996	0.20
1997	0.16
1998	0.13
1999	0.12

# GUNSHOT INJURIES (based on first event causing hospitalization)

#### County Trends

#### **Gunshot Injury Hospitalizations**



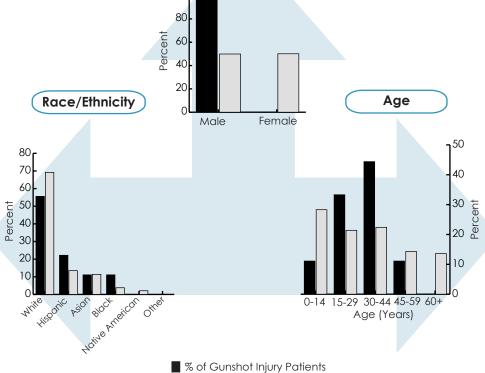
	Hospitalizations Yuba County	Age-adjusted Rate per 1,000 Pop.
1995 1996 1997 1998 1999	11 11 8	0.13 0.18 0.17 0.13 0.14

Percent of County Gunshot Injury Patients Compared to the Percent of Total County Population for Each Group

Gender

100





■ % of County Residents

Sources: California Inpatient Discharge Data, OSHPD.Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



# Healthcare Quality and Analysis Division

Healthcare Information Resource Center
818 K Street, Room 500
Sacramento, CA 95814
(916)322-2814
hirc@oshpd.state.ca.us
www.oshpd.state.ca.us